

Table 9-18**Other non-science and engineering research doctorate recipients, postgraduation plans by sex and major field of doctorate: 2021**

(Number and percent)

Characteristic	All other non-science and engineering fields	Communications and journalism	Multidisciplinary/interdisciplinary studies	Public administration and social services	Non-science and engineering, other
Doctorate recipients reporting postgraduation status (number)	1,740	456	274	433	577
Definite postdoctoral training plans	12.9	11.6	12.4	11.1	15.4
Definite employment plans	51.3	53.1	45.6	55.4	49.4
Seeking employment or study	32.1	32.0	38.3	29.6	31.2
Other status ^a	3.7	3.3	3.6	3.9	3.8
Definite postdoctoral training plans (%) ^b					
Postdoc fellowship or research associateship	96.9	98.1	94.1	97.9	96.6
Other training or unknown ^c	3.1	1.9	5.9	2.1	3.4
Definite employment plans (%) ^d					
Academe	62.6	78.9	60.8	55.0	55.8
In tenure track faculty position (%)	52.3	55.5	30.3	58.3	54.1
Not in tenure track position (%)	44.8	42.4	63.2	37.9	44.7
Government	9.8	2.9	5.6	17.9	10.5
Industry or business ^e	15.1	11.6	16.0	7.1	24.6
Nonprofit organization	8.5	3.3	7.2	15.4	7.7
Other or unknown ^f	4.0	3.3	10.4	4.6	1.4
Primary activity ^g					
Research and development	24.5	22.5	10.1	29.9	27.9
Teaching	42.3	59.3	50.4	28.1	36.4
Management or administration	14.7	6.5	21.0	21.6	12.9
Professional services and other	18.5	11.7	18.5	20.3	22.8
Secondary activity ^g					
Research and development	34.1	42.4	28.6	28.6	34.2
Teaching	19.9	19.5	16.0	28.6	14.7
Management or administration	11.1	7.8	8.4	13.0	13.6
Professional services and other	9.1	3.9	14.3	9.5	11.0
No secondary activity	25.7	26.4	32.8	20.3	26.5
Activity unknown	4.4	4.5	4.8	3.8	4.6
Postgraduation location (%) ^h					
United States ⁱ	87.9	88.8	89.9	91.0	84.0
Midwest	18.5	15.9	14.5	22.9	18.7
Northeast	17.7	14.6	24.5	18.1	16.8
South	33.1	38.3	31.4	34.7	28.3
West	18.0	19.3	18.2	14.6	19.5
Outside the United States	11.9	10.5	10.1	9.0	16.0
Location unknown	0.2	0.7	0.0	0.0	0.0

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Postgraduation location in same state as doctorate institution (%)	35.8	30.5	44.0	35.4	36.6
Male doctorate recipients reporting postgraduation status (number)	735	191	124	145	275
Definite postdoctoral training plans	13.6	9.9	12.9	15.2	15.6
Definite employment plans	52.0	55.0	46.0	53.8	51.6
Seeking employment or study	30.2	31.4	37.1	26.9	28.0
Other status ^a	4.1	3.7	4.0	4.1	4.4
Definite postdoctoral training plans (%) ^b					
Postdoc fellowship or research associateship	99.0	100.0	100.0	100.0	97.7
Other training or unknown ^c	1.0	0.0	0.0	0.0	2.3
Definite employment plans (%) ^d					
Academe	59.7	D	56.1	44.9	D
In tenure track faculty position (%)	52.2	D	21.9	62.9	D
Not in tenure track position (%)	43.4	47.6	65.6	28.6	36.7
Government	10.7	D	D	30.8	D
Industry or business ^e	18.6	13.3	22.8	6.4	27.5
Nonprofit organization	7.3	D	D	11.5	7.7
Other or unknown ^f	3.7	3.8	7.0	6.4	0.7
Primary activity ^g					
Research and development	25.2	22.2	11.1	33.8	28.1
Teaching	41.9	58.6	46.3	26.0	37.0
Management or administration	14.5	7.1	20.4	23.4	12.6
Professional services and other	18.4	12.1	22.2	16.9	22.2
Secondary activity ^g					
Research and development	33.2	40.4	25.9	27.3	34.1
Teaching	18.6	20.2	18.5	26.0	13.3
Management or administration	11.5	D	D	15.6	14.1
Professional services and other	11.2	D	D	14.3	13.3
No secondary activity	25.5	27.3	35.2	16.9	25.2
Activity unknown	4.5	5.7	5.3	1.3	4.9
Postgraduation location (%) ^h					
United States ⁱ	81.5	84.7	D	84.0	D
Midwest	17.8	16.9	9.6	24.0	18.4
Northeast	17.0	11.3	28.8	17.0	16.2
South	30.7	42.7	24.7	33.0	23.8

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Characteristic	All other non-science and engineering fields	Communications and journalism	Multidisciplinary/interdisciplinary studies	Public administration and social services	Non-science and engineering, other
West	16.0	13.7	D	10.0	D
Outside the United States	18.5	15.3	D	16.0	D
Location unknown	0.0	0.0	0.0	0.0	0.0
Postgraduation location in same state as doctorate institution (%)	36.3	32.3	46.6	38.0	34.1
Female doctorate recipients reporting postgraduation status (number)	1,005	265	150	288	302
Definite postdoctoral training plans	12.3	12.8	12.0	9.0	15.2
Definite employment plans	50.7	51.7	45.3	56.3	47.4
Seeking employment or study	33.5	32.5	39.3	30.9	34.1
Other status ^a	3.4	3.0	3.3	3.8	3.3
Definite postdoctoral training plans (%) ^b					
Postdoc fellowship or research associateship	95.2	97.1	88.9	96.2	95.7
Other training or unknown ^c	4.8	2.9	11.1	3.8	4.3
Definite employment plans (%) ^d					
Academe	64.7	D	64.7	59.9	D
In tenure track faculty position (%)	52.4	D	36.4	56.7	D
Not in tenure track position (%)	45.8	38.5	61.4	41.2	52.5
Government	9.0	D	D	11.7	D
Industry or business ^e	12.5	10.2	10.3	7.4	21.7
Nonprofit organization	9.4	D	D	17.3	7.7
Other or unknown ^f	4.3	2.9	13.2	3.7	2.1
Primary activity ^g					
Research and development	24.0	22.7	9.2	27.9	27.7
Teaching	42.6	59.8	53.8	29.2	35.8
Management or administration	14.8	6.1	21.5	20.8	13.1
Professional services and other	18.6	11.4	15.4	22.1	23.4
Secondary activity ^g					
Research and development	34.8	43.9	30.8	29.2	34.3
Teaching	20.9	18.9	13.8	29.9	16.1
Management or administration	10.9	D	D	11.7	13.1
Professional services and other	7.6	D	D	7.1	8.8
No secondary activity	25.8	25.8	30.8	22.1	27.7
Activity unknown	4.3	3.6	4.4	4.9	4.2
Postgraduation location (%) ^h					
United States ⁱ	92.7	91.8	D	94.7	D

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Midwest	18.9	15.2	18.6	22.3	19.0
Northeast	18.1	17.0	20.9	18.6	17.5
South	34.9	35.1	37.2	35.6	32.8
West	19.6	23.4	D	17.0	D
Outside the United States	6.9	7.0	D	5.3	D
Location unknown	0.3	1.2	0.0	0.0	0.0
Postgraduation location in same state as doctorate institution (%)	35.3	29.2	41.9	34.0	39.2

D = suppressed to avoid disclosure of confidential information.

^a Includes doctorate recipients reporting: no plans to work or study, some other type of postgraduation plans, or definite plans for other full-time degree program.

^b Excludes doctorate recipients reporting plans for other full-time degree program. Percentages based on number of doctorate recipients reporting definite postdoctoral plans for study.

^c Other includes doctorate recipients who reported definite postdoctoral plans for traineeship, internship or clinical residency, or other study.

^d Percentages based on number of doctorate recipients reporting definite postgraduation plans for employment.

^e Includes doctorate recipients reporting self-employment.

^f Other is mainly composed of elementary and secondary schools.

^g Percentages based on number of doctorate recipients reporting definite postgraduation plans for employment and primary or secondary work activity.

^h Percentages based on number of doctorate recipients reporting definite postgraduation plans and type of plans.

ⁱ Includes cases with an unknown U.S. region of employment after doctorate, thus the percentages by regions will not sum to the value for United States; see the "Technical Notes" for states or territories included in regions.

Note(s):

Due to rounding, percentages may not sum to 100. Beginning in 2021, a modified version of the 2020 Classification of Instructional Programs (CIP) codes was used in the survey data collection, and the new broad, major, and detailed fields were used in tables reporting only the most recent data year. Therefore, the field of doctorate data in 2021 may not be comparable to prior years; see the "Technical Notes" for more information, table A-4 for a summary of SED-CIP codes in the new SED field taxonomy, table A-5 for a full list of SED-CIP codes in the new field taxonomy, and table A-6 for the SED-CIP code crosswalk to the historical field taxonomy.

Source(s):

National Center for Science and Engineering Statistics, Survey of Earned Doctorates.